

IN THE CLAIMS:

1-7. (Cancelled)

8. (Currently Amended) A capsule endoscope system comprising:

a capsule endoscope, of which movement is controlled by a magnetic field externally applied;

magnetic-field generating means for generating a magnetic field focused on one point to control the movement of the capsule endoscope traveling in a body cavity of a subject lying down on an examination table;

moving means for moving the examination table relative to the magnetic-field generating means; and

a magnetic-field generating member arranged in at least one portion of the capsule endoscope;

wherein the magnetic-field generating member includes at least one magnetic coil which is driven only when the magnetic field is applied and when the magnetic field is not applied, generates a magnetic field, the magnetic-field generating means is controlled such that a magnetic field is-intermittently applied as a pulse signal, and the magnetic-field generating means drives the magnetic-field generating member in a time series manner and selectively to control the posture and movement of the capsule endoscope when the magnetic-field is applied; and

the position of the capsule endoscope is detected with the magnetic field generated by the magnetic field generating member itself when the magnetic field is not applied.

9-18. (Cancelled)